

**ABSTRACT****~~Solid-state X-ray detector~~**

~~The present invention relates to a~~ A solid-state X-ray detector comprising a photosensitive sensor [(1)] combined with a radiation converter [(5)] or scintillator is described. The radiation detector includes an entry window [(8, 9)] through which the X-rays upstream of the scintillator [(5)] pass, and means for applying an electrical voltage between the entry window [(8, 9)] and the photosensitive sensor [(1)].

~~Figure 1~~